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3-11-97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

David KEENE

Serial Number 08/619,203

Filed March 21, 1996

For: **HARDWARE ASSIST FOR
YUV DATA FORMAT
CONVERSION TO SOFTWARE
MPEG DECODER.**

Atty. Docket No. CRUS-0045

Art Unit: 2609

Examiner: UNASSIGNED

Honorable Commissioner of
 Patents and Trademarks
Washington, D.C. 20231

PROPOSED DRAWING AMENDMENT

Sir:

Applicant proposes amending Figures 6 and 7 in the above-captioned application as indicated in red in the attached copies of Figures 6 and 7.

In reviewing the application, applicant noted minor errors in Figures 6 and 7. Figure 6 illustrates writing of three lines of YUV 4:2:2 data into display memory (See page 15, lines 3-26). Line 2 was inadvertently labeled with "2P" when it is clear that such a label should be --P-- as shown in the attached drawing. In addition, "m" should be --n--.

Figure 7 illustrates the locations for Y, U, and V data as stored in a memory. As noted in the specification on page 15, lines 22-26, YUV data from system memory 110 may be stored in discrete YUV portions in a similar manner to that illustrated in prior art Figure 1A.

In Figure 7, this storage is illustrated correctly, however the subscripts for the U portion of the chrominance difference data appears to be incorrect. In particular, all of the U values contain the subscript 1,1 rather than numerically increasing row and column subscripts as illustrated for the Y and V data.

Applicant proposes by the above amendment correcting Figure 7 to show the correct subscripts. Applicant submits that this amendment does not constitute new matter. In particular, one of ordinary skill in the art would realize, upon looking at Figure 7, that the subscripts 1,1 for all of the U values is in error. Moreover, one of ordinary skill in the art, knowing that U and V data comprise chrominance difference data would realize that for each V value there must be a corresponding U value. Thus, it will readily be apparent to one of ordinary skill in the art that the U data should be correctly numbered as illustrated in the attached proposed amendment.

In any event, applicant respectfully submits that Figure 7 is not necessary to the complete understanding of applicant's invention. As noted in the specification, the technique for storing data in memory is similar to that shown in prior art Figure 1A. Figure 7 has been supplied to show where individual pixel data items are stored so that they may be viewed in connection with Figure 6 to understand corresponding storage and placement of pixel data.

Approval of the attached amendment is respectfully requested. Applicant is still awaiting a first action on the merits which is presumed will arrive in due course.

Respectfully submitted,

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